From: Angela McFadden/R3/USEPA/US

Sent: 11/5/2012 5:40:37 PM

To: Francesca DiCosmo/R3/USEPA/US@EPA

CC:

Subject: Re: Czech Geological Survey Visit to Region 3 - need attachment

Are you sure? Your email has this note at the bottom:

[attachment "Topics Czech Geol Survey 2012.doc" removed by Francesca DiCosmo/R3/USEPA/US]

Angela McFadden

U.S. EPA, Region 3 Water Protection Division 1650 Arch Street (3WP00) Philadelphia, PA 19103-2029

Tel. (215) 814-2324 cell (215) 287-7823 Fax (215) 814-2301

From: Francesca DiCosmo/R3/USEPA/US
To: Angela McFadden/R3/USEPA/US@EPA

Date: 11/05/2012 05:10 PM

Subject: Re: Czech Geological Survey Visit to Region 3 - need attachment

Hi! In fact, she hasn't sent them yet! (I thought that she had). I'll send her a reminder about sending her questions to us asap.

Best regards, Francesca

Francesca Di Cosmo International Programs Manager Green Communities Program Manager U.S. EPA, Region III, 3DA00 1650 Arch Street Philadelphia, PA 19103 USA 215 814-5549 215 814-2901 fax dicosmo.francesca@epa.gov http://www.epa.gov/greenkit

-----Angela McFadden/R3/USEPA/US wrote: ----To: Francesca DiCosmo/R3/USEPA/US@EPA
From: Angela McFadden/R3/USEPA/US

Date: 11/05/2012 02:51PM

Subject: Re: Czech Geological Survey Visit to Region 3 - need attachment

Francesca, can you please forward Dr. Dvorakova's email with the attached questions? I'd like to get them out to folks attending the meeting.

thanks,

Angela

Angela McFadden

U.S. EPA, Region 3 Water Protection Division 1650 Arch Street (3WP00) Philadelphia, PA 19103-2029

Tel. (215) 814-2324 cell (215) 287-7823 Fax (215) 814-2301

Francesca DiCosmo---11/04/2012 11:03:59 PM---That's great Vlastmila! We shall expect you and your colleague on November 20, 2012 from 2:00 pm -

From: Francesca DiCosmo/R3/USEPA/US

To: Dvorakova Vlastimila <vlastimila.dvorakova@geology.cz>

Date: 11/04/2012 11:03 PM

Subject: Re: Czech Geological Survey Visit to Region 3

That's great Vlastmila! We shall expect you and your colleague on November 20, 2012 from 2:00 pm - 4:00 pm. This should give you plenty of time to drive from Williamsport to Philadelphia and check into your hotel.

Thank you for sending your detailed questions as well. We look forward to seeing you then.

Best regards, Francesca

Francesca Di Cosmo
International Programs Manager
Green Communities Program Manager
U.S. EPA, Region III, 3DA00
1650 Arch Street
Philadelphia, PA 19103 USA
215 814-5549
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http://www.epa.gov/greenkit

-----Dvorakova Vlastimila <vlastimila.dvorakova@geology.cz> wrote: -----

To: Francesca DiCosmo/R3/USEPA/US@EPA

From: Dvorakova Vlastimila <vlastimila.dvorakova@geology.cz>

Date: 11/01/2012 08:52AM

Subject: Re: Czech Geological Survey Visit to Region 3

Dear Francesca,

thanks for your email.

Yes, to answer your question the EPA visit is now on agenda for Nov.20 and DEP is expecting us in Harrisburg on Nov. 21st. They agreed to swith the dates with you.

So, we will appreciate if you can schedule the meeitings with your colleagues for Nov.20th in Philadelphia. Regarding agenda enclosed is a list of our questions and discussion we expect to have with various people including EPA, DEP, drilling and production company (Cabot,

Shell). Feel free to pick up the topics relevant to your or your colleagues expertise. Of course we are familiar with some of your previous reports and web information, but wish to learn more about some projection, progress and/or relavant studies done in this particular area.

Would be nice as well if you will consider the time for the meeting. On Nov. 20 we are driving from Williamsport being in the field wirh DEP and Shell people day before. We do not have any other meeting on our agenda when in Philadalphia on Nov. 20 so we are quite flexible in this regard and we will stay in Philadelphia that night. We are taking a train going to Harrisburg to meet DEP folks on Nov. 21st coming back for a night and flight over home the next morning.

I do have the details already from you how to find EPA office and procedures to go through.

```
Looking forward to hear from you again.
Vlasta
Vlastimila Dvorakova
Czech Geological Survey
Leitnerova 22
President
European Region
American Association of Petroleum Geologists (AAPG)
658 69 BRNO
Czech Republic
Phone: +420 5 43 42 92 53
Fax: +420 5 43 21 23 70
Cell: +420 721 911 977
email: vlastimila.dvorakova@geology.cz
http://www.geology.cz
DiCosmo.Francesca@epamail.epa.gov napsal(a):
> Dear Vlastimila:
>
> Greetings! Thank you for your e-mail and for your updated information.
> If you could let us know as soon as possible if we can switch the
> date, that would be helpful as I need to schedule everyone as soon as
> possible. I look forward to receiving your detailed questions as soon
> as you have them as these will be very helpful to us.
> Best regards, Francesca
>
        /Francesca Di Cosmo
>
        International Programs Manager/
        /Green Communities Program Manager
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U.S. EPA, Region III, 3DA00
    1650 Arch Street
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    Philadelphia, PA 19103 USA
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    215 814-5549
    215 814-2901 fax
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    /http://www.epa.gov/greenkit/
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>
> Inactive hide details for Dvorakova Vlastimila ---10/29/2012 10:30:59
> AM---Dear Francesca, nice to hear back from you. I was trDvorakova
> Vlastimila ---10/29/2012 10:30:59 AM---Dear Francesca, nice to hear
> back from you. I was travelling all past week as well and I
> From: Dvorakova Vlastimila <vlastimila.dvorakova@geology.cz>
> To: Francesca DiCosmo/R3/USEPA/US@EPA
> Date: 10/29/2012 10:30 AM
> Subject: Re: Czech Geological Survey
> -----
>
>
> Dear Francesca,
>
> nice to hear back from you. I was travelling all past week as well and I
> am back in my office first day today.
>
> Thank you for your response regarding our visit to EPA on November 21st.
> I read your message the way that might happen some of your colleagues
> are not available and you are looking for a possibility to schedule the
> meeting one day earlier means Nov. 20th.
> We are still discussing our program with DEP in Harrisburg as well,
> these guys are in fact about to meet us on Nov. 20th as preliminary
> proposed and confirmed by them. I will see what they might suggest as
> Terry Engelder is going to call them and probably to you as well.
> Anyway, concerning your other requirements they are all acceptable, no
> problem with any checks this is quite regular procedure here as well.
> I will travel and will attend the meeting with my colleague Dr. Juraj
> Francu from the Czech Geological Survey, the same company like me ( see
> the details below). It might happen Prof. Terry Engelder from Penn State
> will join us as well but it will depend on his immediate schedule and
> availability. We are not bringing any interpreter, we both speak English.
> Also we plan to prepare some list of questions or agenda/topics for our
> meeting to discuss during the next days when the schedule is going to be
> more completed and confirmed.
> Hope it helps and I am looking forward to be in touch soon. In the mean
> time you can expect the call from Terry Engelder.
> Best regards,
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> Vlasta
> Vlastimila Dvorakova
> Czech Geological Survey
> Leitnerova 22
> &
> President
> European Region
> American Association of Petroleum Geologists (AAPG)
> 658 69 BRNO
> Czech Republic
> Phone: +420 5 43 42 92 53
> Fax: +420 5 43 21 23 70
> Cell: +420 721 911 977
> email: vlastimila.dvorakova@geology.cz
> http://www.geology.cz
>
>
> DiCosmo.Francesca@epamail.epa.gov napsal(a):
> >
>> Greetings once again Vlastimilla! I have just spoken to one of my
> > colleagues and it may be that many people may be out of the office on
>> Wednesday, November 21 because there is a big national holiday on
>> Thursday, November 22 (Thanksgiving Day). I will check with them.
>> However, as a backup plan, can you visit us on Tuesday, November 20
> > instead? Let me know.
> >
> > Best regards, Francesca
> >
> > /Francesca Di Cosmo
> > International Programs Manager/
> > /Green Communities Program Manager
> > U.S. EPA, Region III, 3DA00
> > 1650 Arch Street
> > Philadelphia, PA 19103 USA
> > 215 814-5549
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> > /http://www.epa.gov/greenkit/
> >
> >
>> Inactive hide details for Francesca Dicosmo---10/23/2012 03:24:54
> > PM---Dear Ms. Dvorakova: I am so sorry for not getting back tFrancesca
> > Dicosmo---10/23/2012 03:24:54 PM---Dear Ms. Dvorakova: I am so sorry
> > for not getting back to you sooner, but I was on travel in Morocco
> > From: Francesca Dicosmo/R3/USEPA/US
> > To: Dvorakova Vlastimila <vlastimila.dvorakova@geology.cz>
> > Cc: Angela McFadden/R3/USEPA/US@EPA, Daniel Ryan/R3/USEPA/US@EPA,
> > William Early/R3/USEPA/US, Jon Capacasa/R3/USEPA/US@EPA, Ron
>> Borsellino/R3/USEPA/US@EPA, John Pomponio/R3/USEPA/US@EPA, Diana
```

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>> Esher/R3/USEPA/US@EPA, Terry Engelder <jte2@ems.psu.edu>, Gary
>> Waxmonsky/DC/USEPA/US@EPA, Anna Phillips/DC/USEPA/US@EPA
> > Date: 10/23/2012 03:24 PM
> > Subject: Re: Czech Geological Survey
> > Sent by: Francesca DiCosmo
> >
> >
> > Dear Ms. Dvorakova:
> >
> > I am so sorry for not getting back to you sooner, but I was on travel
> > in Morocco and did not have time to answer this before I left. In any
> > case, it looks like we are all on board for your visit .
> >
> > Wednesday, November 21st is fine for us. I propose that we start at
>> 09:30 am and conclude at 11:30 am. We should be able to cover all of
>> the topics of interest within that time frame.
> >
>> Please let me know how many people are coming with you. If there are
> > others joining you, I need their name, title and organization for our
> > security team. Also, please let me know if you will be bringing an
> > interpreter. I would also need the name of the interpreter for our
> > security team.
> >
> > Our address is 1650 Arch Street, Philadelphia. Please enter using the
> > Arch Street entrance. You will proceed through the metal detector
>> (like in the airport), then proceed to the security desk, who will
> > issue you a building pass. You must present your passport to the
> > security team, or you will not be able to enter the building. This is
>> true for anyone who may be accompanying you as well ... everyone needs
> > to present either their passport or a valid photo identification to
> > enter the building.
> >
> > I will meet you in the lobby and escort you to the meeting location.
> > In the meantime, if you could provide us with a list of specific
> > questions or topics that you wish to discuss, this would help us
> > greatly in preparing for your visit.
> >
> > We look forward to meeting with you in November!
> >
> > Best regards, Francesca
> >
> > /Francesca Di Cosmo
> > International Programs Manager/
> > /Green Communities Program Manager
> > U.S. EPA, Region III, 3DA00
> > 1650 Arch Street
> > Philadelphia, PA 19103 USA
> > 215 814-5549
> > 215 814-2901 fax
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> > /http://www.epa.gov/greenkit/
> >
> >
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> >
> > Inactive hide details for Terry Engelder --- 10/12/2012 10:11:43
>> AM---Dear Francesca and Angela: Presently, the Czech Republic iTerry
> Engelder ---10/12/2012 10:11:43 AM---Dear Francesca and Angela:
>> Presently, the Czech Republic is being evaluated for it shale gas
> >
> > From: Terry Engelder <jte2@ems.psu.edu>
> > To: Francesca DiCosmo/R3/USEPA/US@EPA, Angela McFadden/R3/USEPA/US@EPA
>> Cc: Dvorakova Vlastimila <vlastimila.dvorakova@geology.cz>
> > Date: 10/12/2012 10:11 AM
> > Subject: Czech Geological Survey
> >
> >
> >
> > Dear Francesca and Angela:
> >
> > Presently, the Czech Republic is being evaluated for it shale gas
> > potential. The government has received pressure from environmentalists
> > to place a moratorium on fracking just as the French, the Romanians,
>> the Bulgarians, the South Africans and so on. In response to this
> > pressure from the public, the Ministry of the Environment has asked
>> the Czech Geological Survey to study this matter.
> > Dr. Vlasta Dvorakova of the Czech Geological Survey has approached me
> > to help identify people and places that her colleague and she could
> > visit to get a better understanding shale gas production independent
> > of the public hype and hyperbole. Dr. Dvorakova is also presently
> > president of European Region American Association of Petroleum
> > Geologists (AAPG) and has extensive experience with that organization
> > both in the United States and globally.
> >
>> Dr. Dvorakova and colleague would like to visit the USA during the
> > period that extends over the weekend prior to Thanksqiving including
> > days from Friday the 16<sup>th</sup> of November until Wednesday the 21<sup>st</sup> of
> > November. I have suggested that she might like to start her field trip
> > with the Cabot operations in Dimock on Friday the 16^th . One part of
>> the trip is an experience with the PA DEP both in the field and in
> > Harrisburg.
> >
> > Another critical part of the Czech trip is a visit with EPA Region 3
> > in Philadelphia. The best day for an office visit is Wednesday the
>> 21^st of November. As international affairs coordinator, Francesca, I
> > am hoping you might arrange for the Czech team of two to visit with
> > EPA folks dealing with shale gas, air quality, and water issues.
> >
> > As a means of introducing Dr. Dvorakova to you, I have included her
> > e-mail address for follow on messages and planning.
> >
> > Sincerely,
> >
> > Terry Engelder
> >
> > PS.... Angela, have 13 EPA cards but not yours...
```

```
>> --
> Terry Engelder
> Professor of Geosciences
> Appalachian Basin Black Shales Group
> Department of Geosciences
> 334A Deike Building
> The Pennsylvania State University
> University Park, PA 16802
> 814-865-3620
> >
>
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[attachment "Topics Czech Geol Survey 2012.doc" removed by Francesca DiCosmo/R3/USEPA/US]